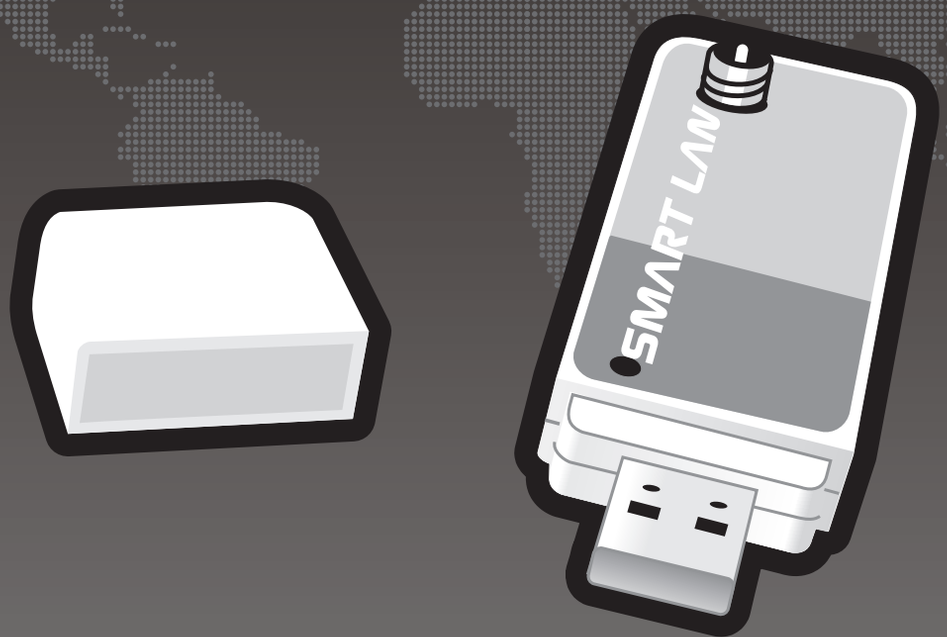
WIRELESS ADAPTER USB 54Mbps

USER MANUAL

- Easy to install and configure
- **UW54** (802.11b/g)



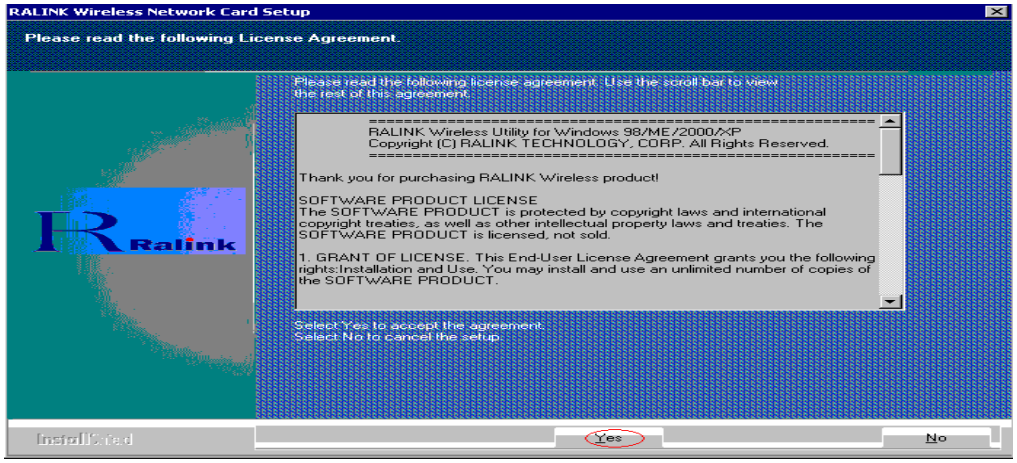
SMART LAN

USB Wireless LAN Adapter User Manual

1 Install the driver

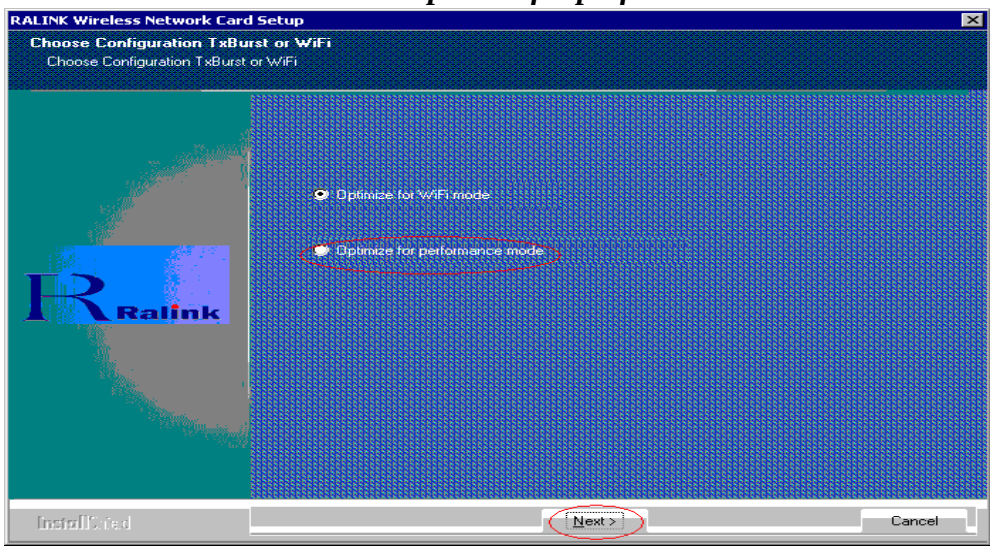
a Insert the installation CD into your CD-ROM driver, Double click the icon

to start setup


RALINK Wireless Network Card Setup
Please read the following License Agreement.
Please read the following license agreement. Use the scroll bar to view the rest of this agreement.
RALINK Wireless Utility for Windows 98/ME/2000/XP
Copyright (C) RALINK TECHNOLOGY, CORP. All Rights Reserved.
Thank you for purchasing RALINK Wireless product!
SOFTWARE PRODUCT LICENSE
The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.
1. GRANT OF LICENSE. This End-User License Agreement grants you the following rights:Installation and Use. You may install and use an unlimited number of copies of the SOFTWARE PRODUCT.
Select Yes to accept the agreement.
Select No to cancel the setup.
InstallShield
Yes
No

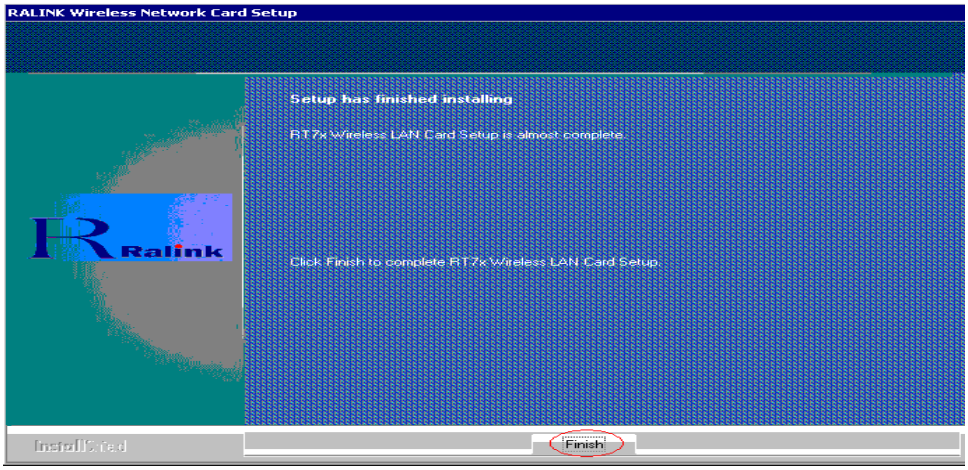
b Click ***Yes*** to go on

c It's recommended to choice ***Optimize for performance mode*** click ***next*** to go on

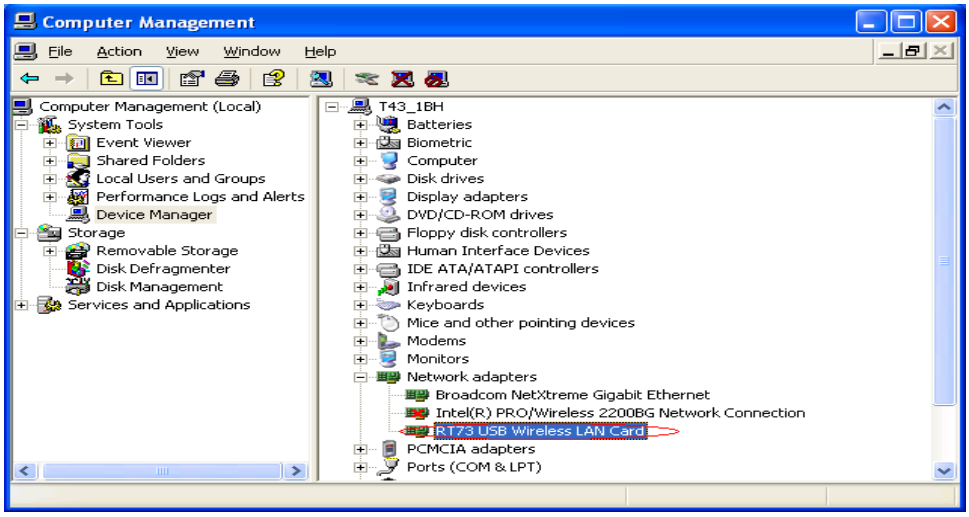


d

e Click ***Finish*** to end the setup


RALINK Wireless Network Card Setup
Setup has finished installing
RT7x Wireless LAN Card Setup is almost complete.
Ralink
Click Finish to complete RT7x Wireless LAN Card Setup.
Finish

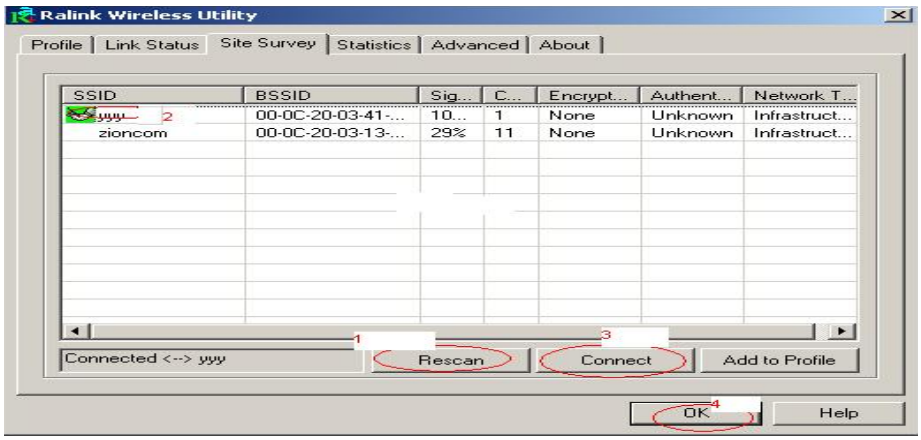
2 Plug in your usb wireless LAN adapter, it will be recognized and auto installed. Just confirmed it like below:



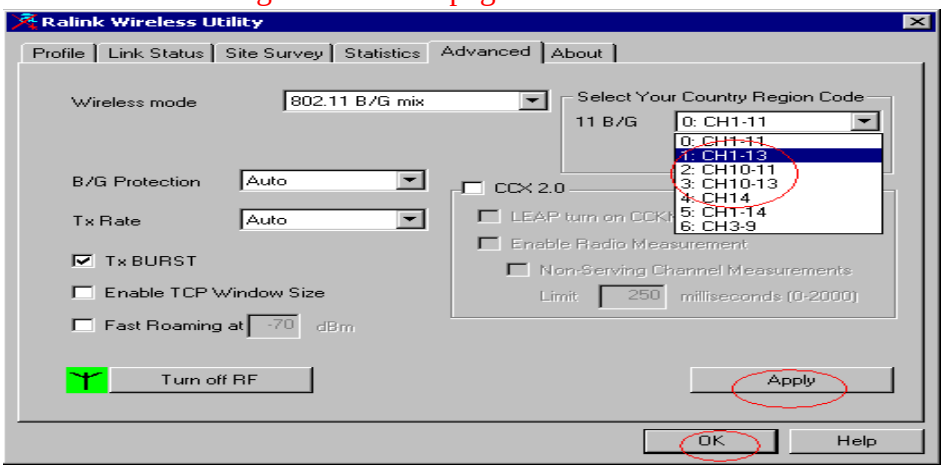
3 Make infrastructure connection

- Double click the icon in red circle

- You will see:

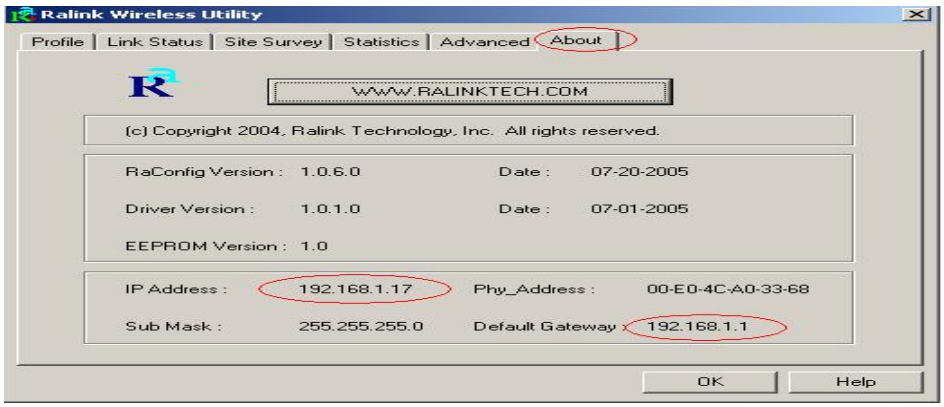


- You can click the button ***Rescan*** to find which AP is in range, they will show on the window, choice one you want to connect, and click the button ***connect***, and click ***ok*** to finish the connection operation.
- An infrastructure connection is accomplished.
- Note, please choose correct channel setting up to your law, for example, ch13 is permitted in your country, and you set your router at ch13, while you choose ch1-ch11 (default setting), you will never find the AP, and you will have to choose ch1-ch13 setting in ***Advanced*** page as below

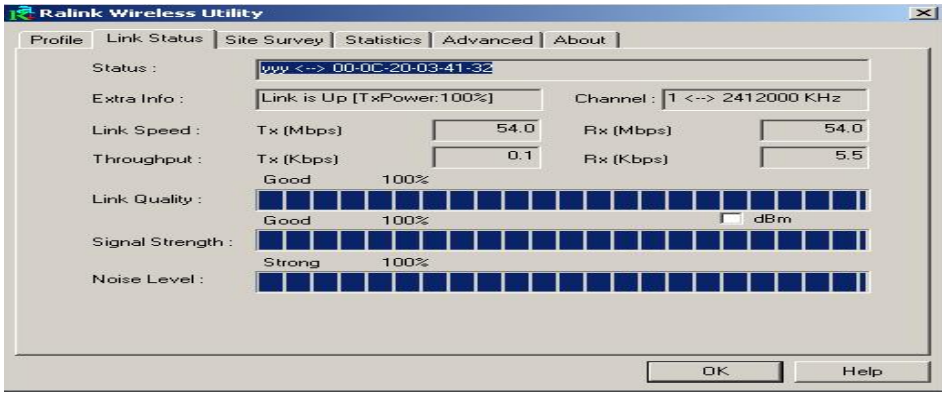


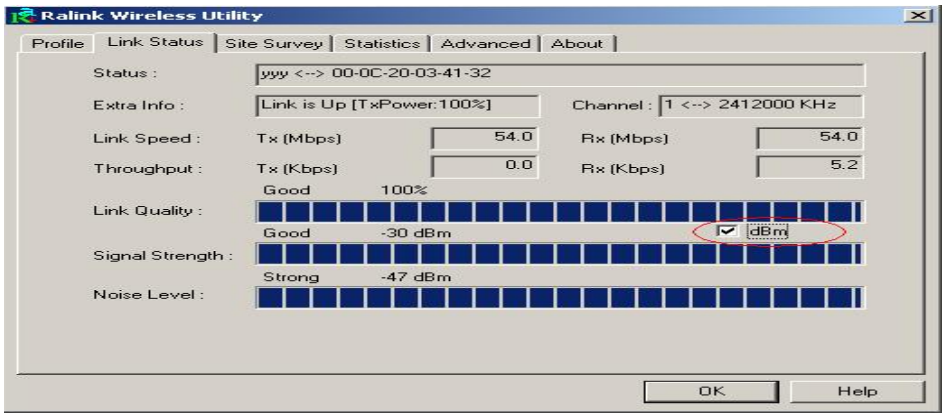
4 Some help information in *Rlink Wireless Utility*

- How to find out your IP address:



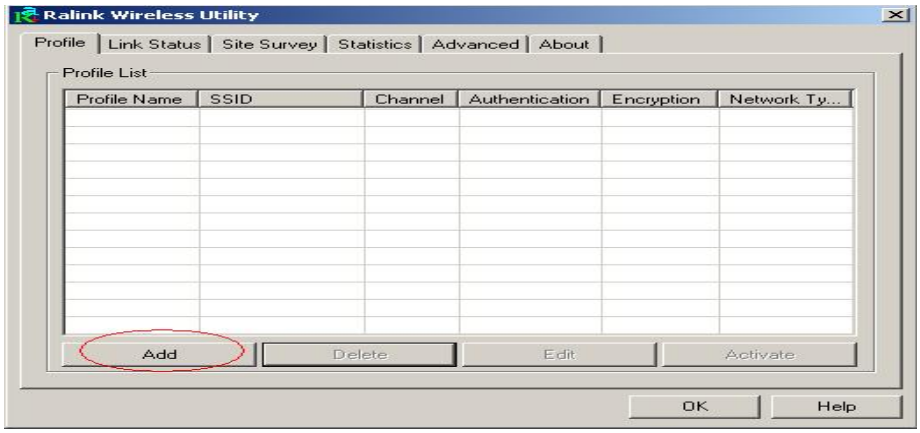
- How to find out which a WIFI environment you are inside



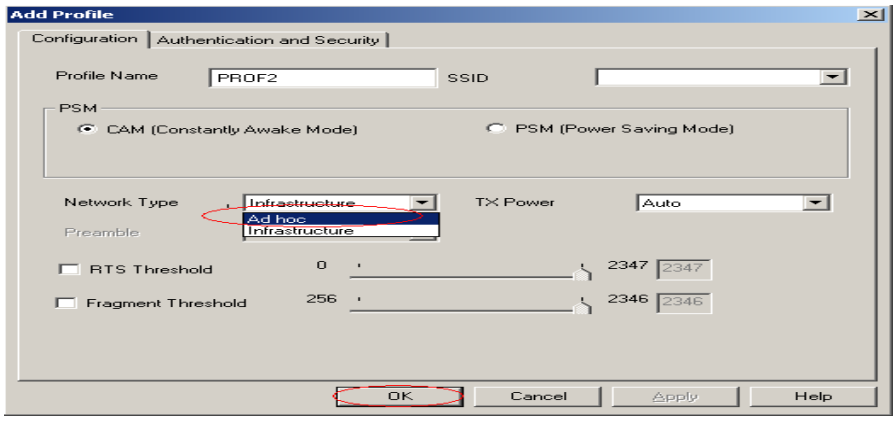


5 .Make Ad-Hoc mode connection

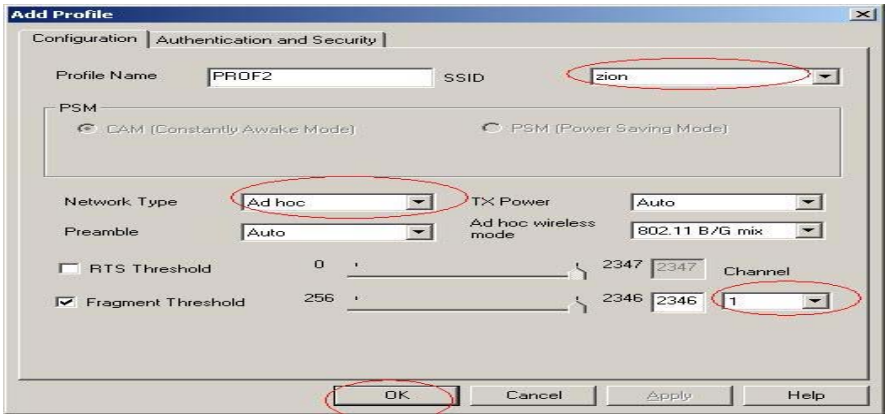
●5.1 Make an Ad-Hoc SSID



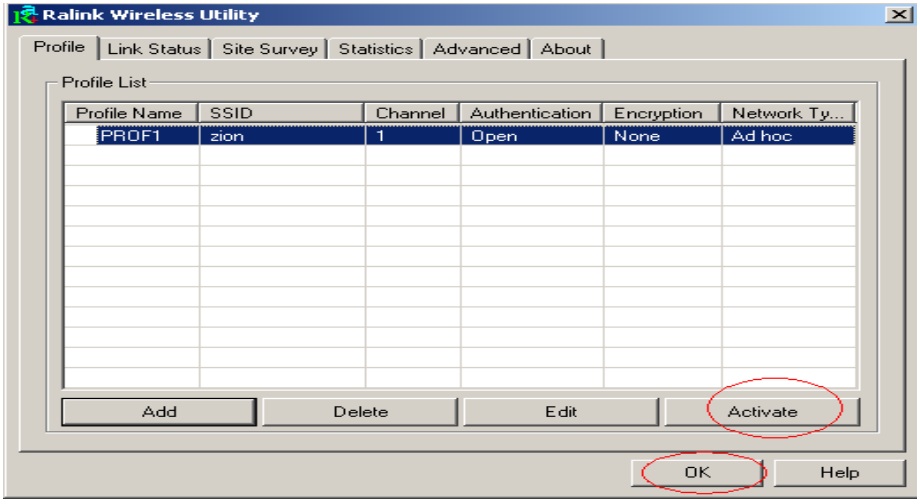
- Click ***Add***
- Choose ***Ad-hoc***



- Name your ***SSID*** and choose which channel you want to take for the link

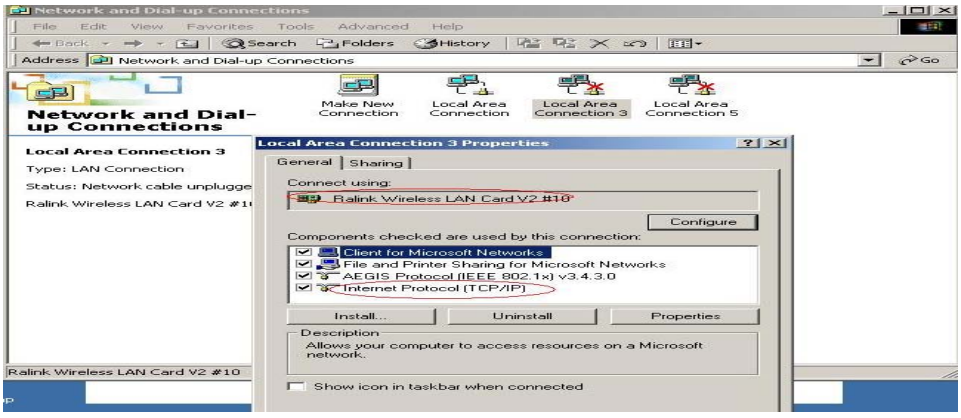


➢ Activate the link

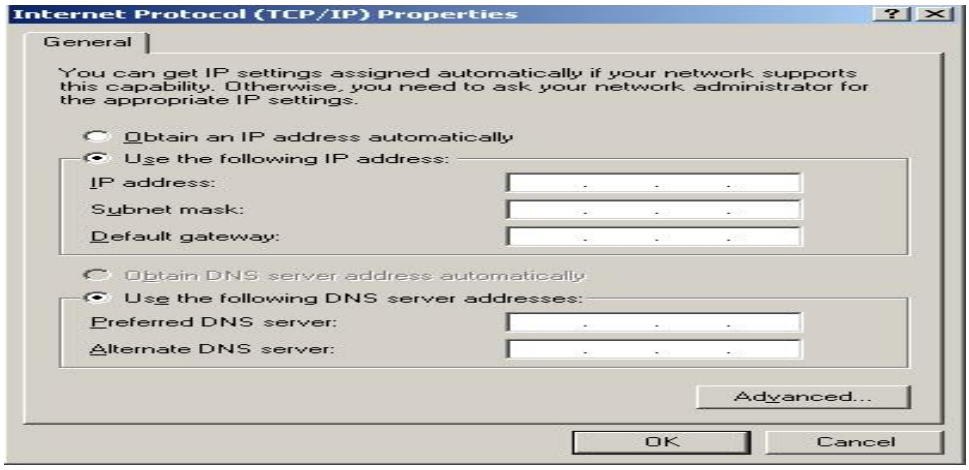


- 5.2 Setup static IP address for the Ad-Hoc link

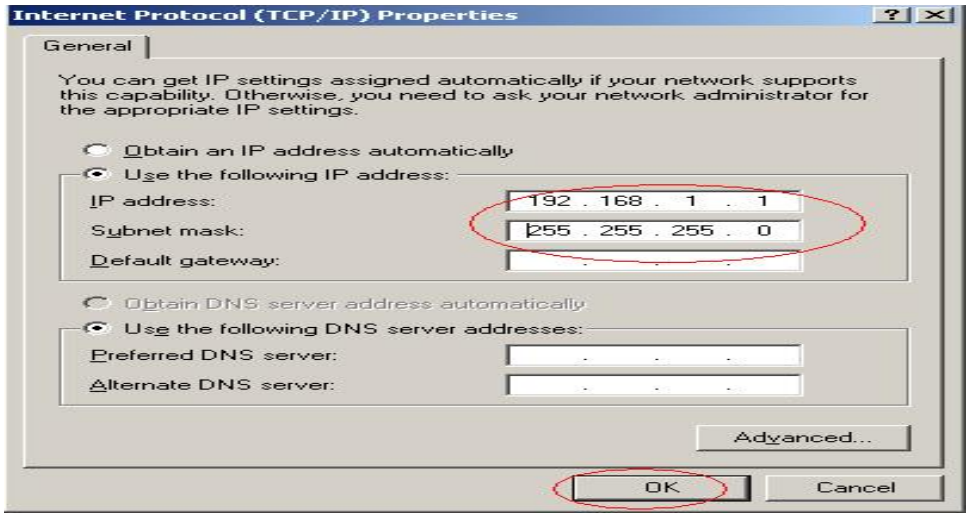
➢ At its property page, double click item ***Internet Protocol*** ***(TCP/IP)***



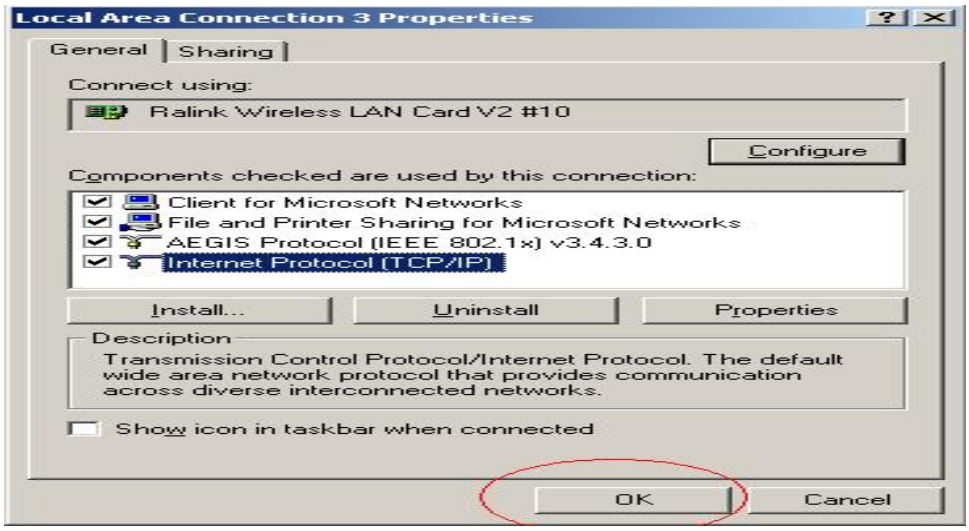
You will get


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address:
Subnet mask:
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

Fill the IP address blank, example as below:


Internet Protocol (TCP/IP) Properties
General
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.
Obtain an IP address automatically
Use the following IP address:
IP address: 192 . 168 . 1 . 1
Subnet mask: 255 . 255 . 255 . 0
Default gateway:
Obtain DNS server address automatically
Use the following DNS server addresses:
Preferred DNS server:
Alternate DNS server:
Advanced...
OK
Cancel

- Click ***ok*** to finish the setup



- 5.3 Ad-Hoc setup for one point accomplished
- 5.4 Setup another Ad-Hoc point as step A,B,C,D.
- 5.5 Ad-Hoc mode link accomplished. And you can visit each other.

  Note: To make an Ad-Hoc mode link, Do remember to choice the same channel, its static IP address should be in the same netsub, and the SSID should be the same too

6. Why it's recommended to choose ***optimize for performance*** mode while driver installation .

Choose this item, you will get turbo function that is powered by Ralink Technology. With this technology, your will get higher TX throughput.

SMART LAN

www.smartlan.us